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and
The School of Public Health



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SIERRA LEONE



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THE CLASS OF 1964

*THE HARVARD SCHOOL
OF PUBLIC HEALTH*



BOSTON, MASSACHUSETTS

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SCHOOLS OF MEDICINE AND PUBLIC HEALTH
LIBRARY

IN
APPRECIATION



TO

WINTHROP LABORATORIES



DEDICATION TO JOHN F. KENNEDY

OUR late President, John F. Kennedy, was long a leader in the health field. In the Senate, he served on the Committee on Labor and Public Welfare that considers health legislation.

As President, he strongly favored provision of medical care to the aged under the Social Security Act.

He was the first president to make a public proclamation on the importance of a community action program to combat mental illness and mental retardation which has since become law.

He established the Peace Corps which has both a direct and an indirect impact on world health.

He was an inspirational and ideological leader for young scientists and humanists everywhere who are concerned with the betterment of man's condition.

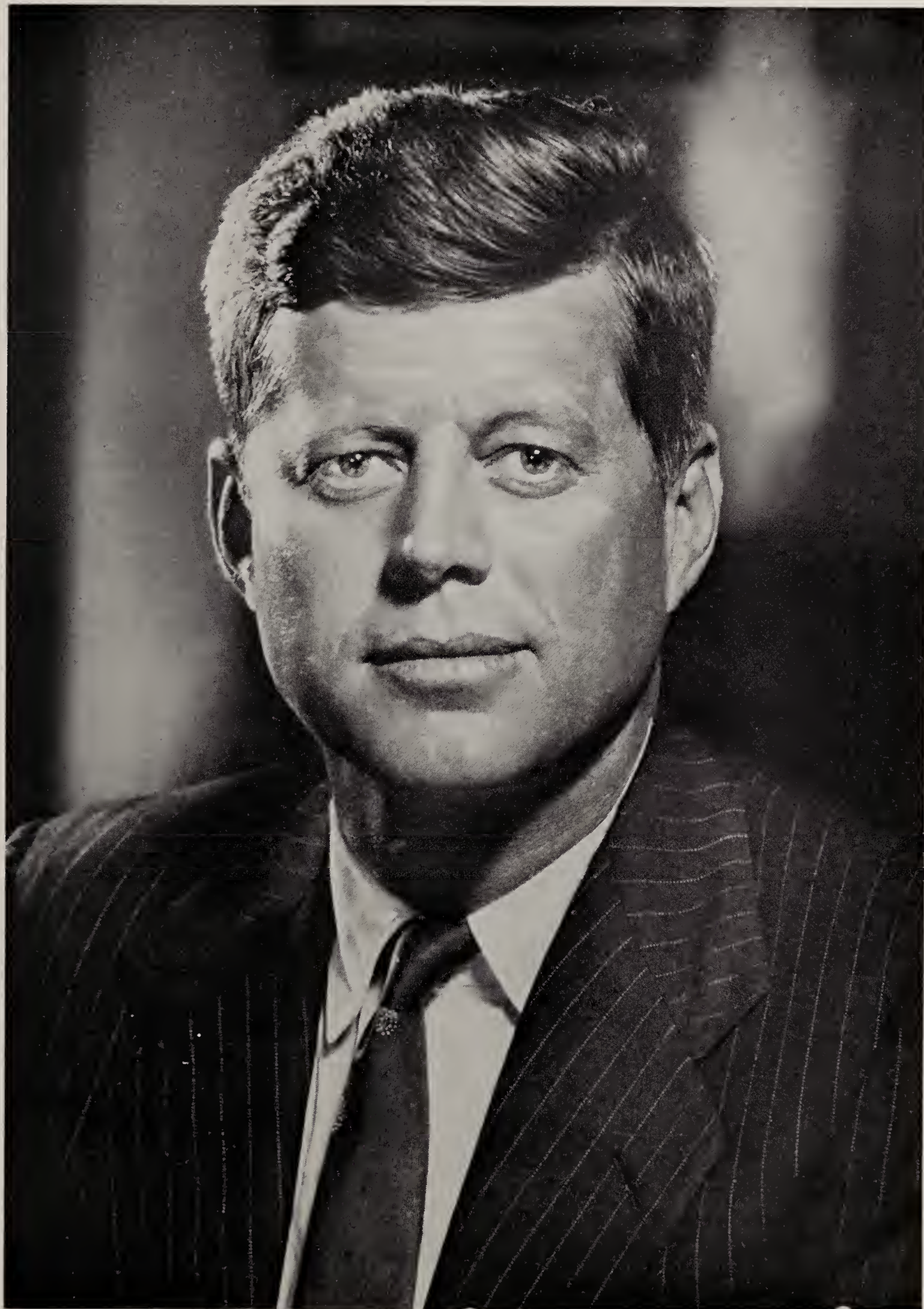
In the framework of his discussion of mental illness and mental retardation he offered public health workers in every setting and every land a voice of strength and vision when he said,

"We must seek out the causes . . . ; we must strengthen the underlying resources of knowledge and . . . manpower . . . ; we must strengthen and improve the programs and facilities. Prevention should be given the highest priority.

". . . We must act . . . to bestow the full benefits of our society on those who suffer . . . to restore and revitalize their lives."



President Kennedy signing
Mental Health Bill S-1576.



ADMINISTRATION

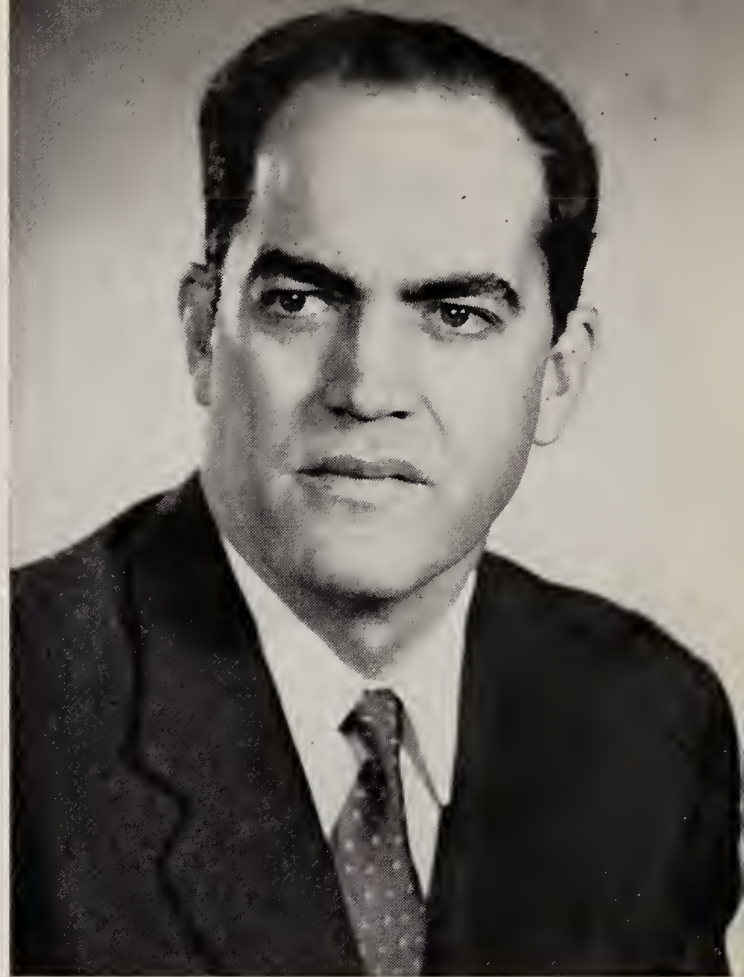
JOHN CRAYTON SNYDER, A.B., M.D.

*Dean of the School of Public Health
Henry Pickering Walcott Professor of Microbiology
and Head of the Department*



JAMES L. WHITTENBERGER, S.B., M.D., A.M. (Hon.)

*Assistant Dean of the School of Public Health
James Stevens Simmons Professor of Public Health
Professor of Physiology and Head of the Department*



ADMINISTRATIVE STAFF

Left to right—Margaret Barnaby, Colette Farragher, Beverly Laskey, Agnes Murphy, Gail Stocker, Bess Foxman, William Claff, Roger Spaulding, Mary Turchin, Jean Haley, Margaret Penrose, Irene Forbes, Judith Godden, John C. Snyder.





WILLIAM HATHAWAY FORBES, A.B., A.M., Dr. Phil., M.D.

*Assistant to the Dean and Faculty Advisor for
Foreign Students*

FOREIGN students arrived to a warm welcome at an Orientation Course in September, 1963. This served as an introduction to the School, to Boston, and to the American way of life. It was also a first meeting with the Advisor to Foreign Students, Dr. William Forbes, who proved very helpful throughout the year, not only in his official capacity but on a private and personal basis as well.

OUR ORIGINS AND DESTINATIONS

OUR September 20 meeting with the Dean brought us together, 76 of us for the first time, to learn some surprising things about our composite character. We are the 42nd class. Our alumni cover all the United States and 80 foreign countries.

The class of 1963-64 is no exception to this catholic representation:

United States	86
Europe	7
India and Pakistan	3
Africa	2
Far East	2
Canada	2
Middle East	2
Australia	1
Total from 20 countries	107

Academically, we hope to take home the following degrees:

Dr. P.H.	7
S.D. Hyg.	20
S.M. Hyg.	31
M.P.H.	38
M.I.H.	2
Special students	9

But a staggering number of student-years have already garnered the following:

M.D.61
Ph.D. 4
D.D.S. 2
D.V.M. 3
M.S.W. 3
Others33

(Engineers, Statisticians, Nurses, Chemists, Biochemists, Health Educator, Health Administrator, Sanitary Engineer, Radiological Hygienists, Industrial Hygienists, Nutritionists.)

We felt that such persistence deserved investigation.

In February, at the beginning of the second semester, the Class of 1964 had a chance to record its reflections on coming to Shattuck Street and on what may follow after.

Some numbers:

- 82% answered part, 32% answered most of questionnaire
- 85% describe some particular area of public health as an interest
- 20% have no particular future position in mind
- 40% expect to return to the same job
- 35% mention that either their coming or their next position is in the hands of some organization or agency
- 20% mention shifting from an area of practice to an area of research—and
- 20% mention moving from research to practice

Some quotes:

—from the Class	—from Geoffrey Vickers
"Saw public health as a more comprehensive enterprise"	"a greater power to understand"
"needed formal training to perform better"	"techniques limit us"
"felt epidemiology was the tool of the future"	"the distribution of disease is full of oddities"
"developed a greater respect for the competence necessary to do planning and lead action"	"it is within the field of public health to explore the processes of decision"
"the content of the field is growing and new tools are needed"	"the landmarks of history are the moments when some condition passes from the category of the given to the category of the intolerable"



*NUMBER ONE
SHATTUCK STREET*

*FIFTY-FIVE
SHATTUCK STREET*

The Harvard School of Public Health





NUMBER? SHATTUCK STREET

Better known among the student side-walk engineers as The Hole, soon to be transformed into the new Harvard Medical School Library

RESEARCH LABORATORIES IN



ENVIRONMENTAL HEALTH AND NUTRITION

For which the School is indebted to numerous individuals, corporations, foundations and the government, all of whom have provided facilities and funds to support the departments housed here: Industrial Hygiene, Nutrition, Physiology and Sanitary Engineering.



IX-SIXTY-FIVE HUNTINGTON AVENUE



ROBERT H. HAMLIN
*Head of the Department
of Public Health Practice*

PUBLIC HEALTH PRACTICE

MY major activity and interest for the future are to see the Department of Public Health Practice fulfill its responsibilities realistically and broadly to its students and to world society by its search for and dissemination of knowledge.

It is people—staff and students—that really make a department what it is; they are by far the most important determinants of its interests. And among my interests for future major activities of the Department of Public Health Practice are the following:

- A better understanding of sociocultural factors in health and disease and in the administrative process.
- More insight into methods for influencing the quantity and quality of personal health services available to people throughout the world.
- Greater comprehension of the *process* of economic development and the particular role played by investments in health programs.
- Increased understanding of the influence of organizational and administrative structure on health programs through the comparative study of different organizations with similar objectives.
- And last, but far from least, better curriculum and teaching programs for our students so that we can assist them most effectively in becoming leaders in public health and related professions.

ROBERT HENRY HAMLIN
Head of Department

Left to right—Sydney Croog, Beryl Magee, Roy Penchansky, Sol Levine, Norman Scotch, Peggy Salmon, Robert Hamlin, Marjorie Young, Katherine Fitzpatrick.



COMMUNITY MENTAL HEALTH PROGRAM

ON July 1, 1964 our Community Mental Health Program will transfer *en bloc* from Harvard School of Public Health to Harvard Medical School. A new institution will be established under my direction in the Department of Psychiatry to be called the Laboratory of Community Psychiatry.

The major reason for this move is my wish to bring our activities into closer relationship with the main stream of psychiatric education and research. In the new setting we will participate in the education of psychiatric residents and medical students, and we will also offer a special program to professors of psychiatry from other medical schools, who will attend on a visiting basis an intermittent seminar two or three times a year for a three-year period. These plans are associated with recent developments in American psychiatry. The rapidly growing interest in establishing local community programs for the prevention and control of mental disorders, which was stimulated by the Report of the Joint Commission of Mental Illness and Mental Health and by the Message to Congress of the late President Kennedy on February 5, 1963, has created an urgent demand for a reorientation of psychiatric education towards community and preventive theories and practices. In the past, these issues were mostly viewed with disinterest in medical schools; and schools of public health offered a welcome base for the few research and development programs in community mental health in this country. During



Left to right—Barbara Lowe, Claire Belyea, Gerald Caplan, Charlotte Owens, Rhona Rapaport.

GERALD CAPLAN
Head of the Program
Community Mental Health



the coming years there is likely to be a radical change, and our move to Harvard Medical School is an early sign of this. The professors of psychiatry who will attend our Visiting Seminar will all be developing programs of research and education in community psychiatry in their own medical schools.

I am pleased that our move will be effected with a minimum of upset in the educational program in community mental health at the School of Public Health. The new developments increase rather than reduce the need of public health workers to learn about problems of the prevention and control of mental disorders. Dean Snyder has announced that Harvard School of Public Health will encourage cross registration of its students in courses in the Laboratory of Community Psychiatry. The Laboratory course schedule will be arranged so as to facilitate H. S. P. H. students taking elective courses with us in topics such as the theory and practice of preventive psychiatry, strategies of community mental health research, group and community processes, and administrative problems in community psychiatry. In addition, I and members of my staff will continue to participate on a sessional basis in the teaching of regular courses in such Harvard School of Public Health Departments as Epidemiology, Maternal and Child Health, Public Health Practice, and Industrial Hygiene. We hope these and other measures will lead to a full collaborative partnership between us to the mutual benefit of our students and of our research and teaching programs.

GERALD CAPLAN
Head of the Program

SOCIAL SCIENCE UNIT

THERE are two main missions of the Social Science Program: (1) to make physicians and other public health professionals alert to the social and cultural factors in health and to make them familiar with the research methodology of social science; (2) to build scientific knowledge which will help public health change agents or men of action and, equally important, to have this knowledge feed back into and enrich basic social science theory and methodology, per se.

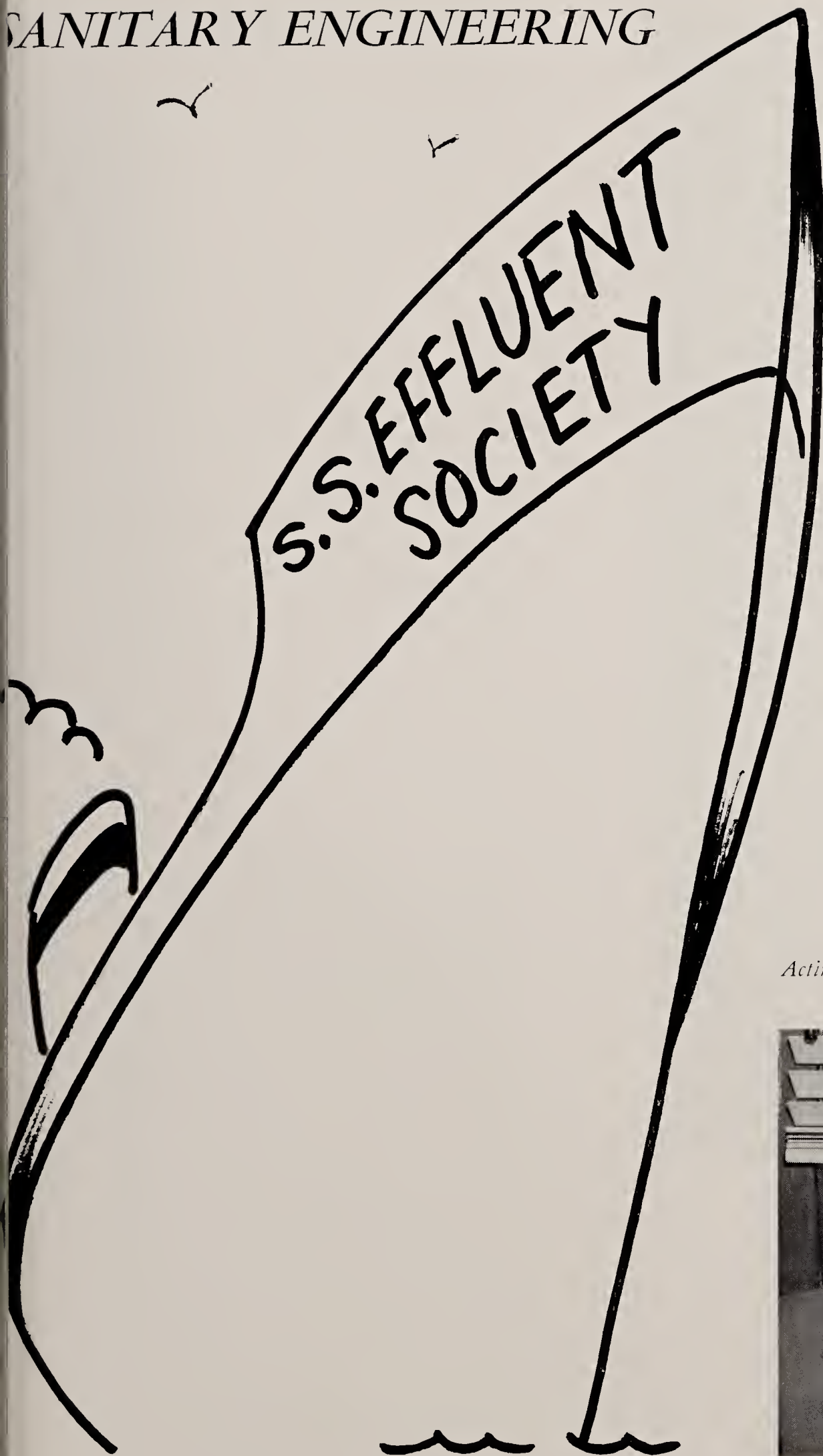
SOL LEVINE

Head of the Unit

Left to right—Norman Scotch, Sol Levine, Sidney Croog.



SANITARY ENGINEERING



J. CARRELL MORRIS
*Acting Head of the Department of
Sanitary Engineering*



SANITARY



MYRON FIERING

THE principal areas of my research interest within the Sanitary Engineering Department have been two: the chemistry of the chlorination and disinfection of water supplies, and the adsorptive removal of persistent pollutants from waste waters.

Gaseous chlorine or germicidal compounds of chlorine and other halogens when added to water react in a variety of ways with the water or with impurities in it. The germicidal effectiveness of a particular material or method of treatment is a function of the types of reactions occurring, their rates, and the equilibrium or final concentrations of the products of the reactions. Among the most significant of these reactions are those with ammonia or other nitrogenous compounds to yield chloramines. Studies on the formation and reactions of chloramines have been a continuing research interest for the past 18 years. Just now the reactions of

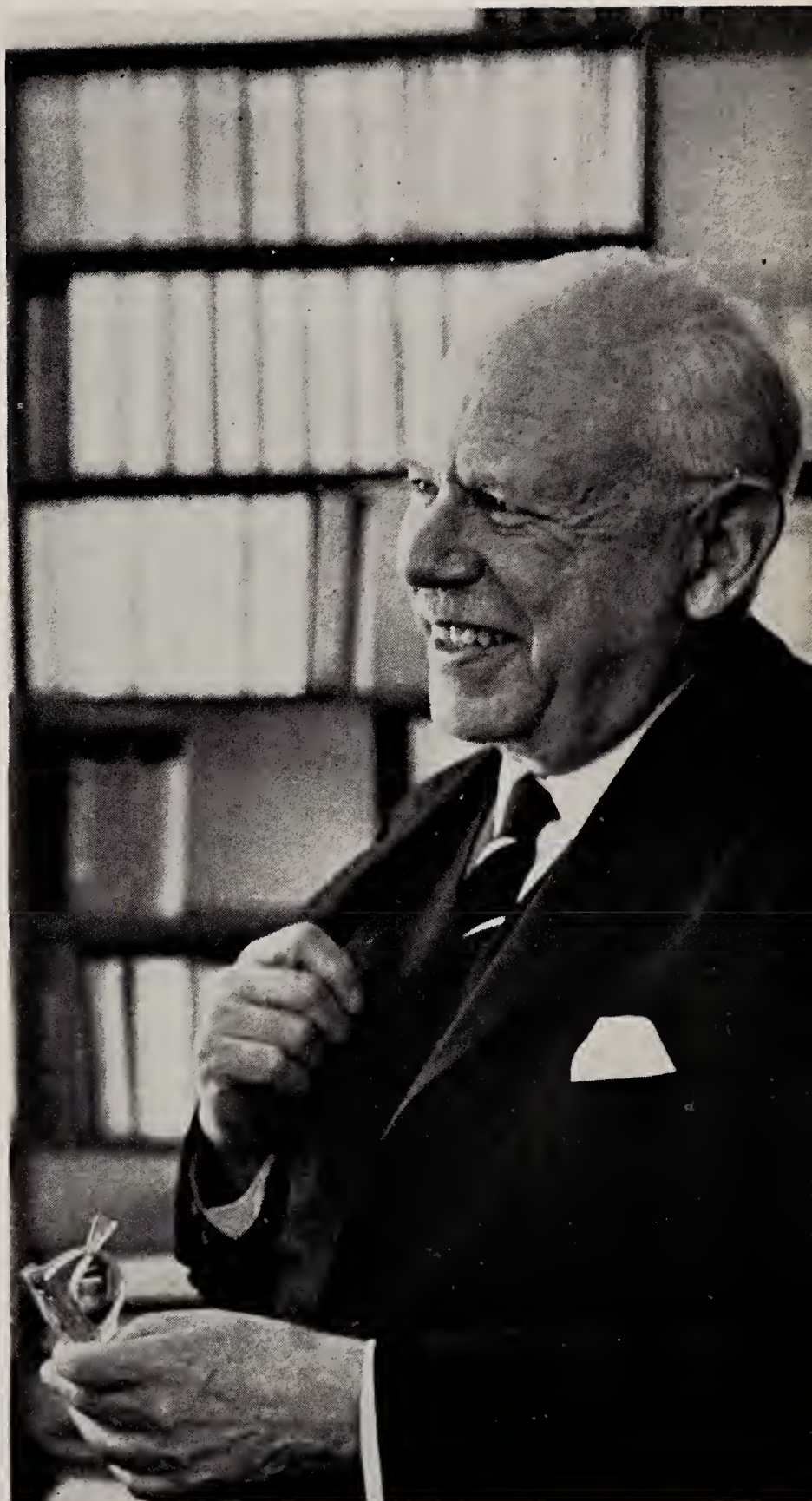
ENGINEERING

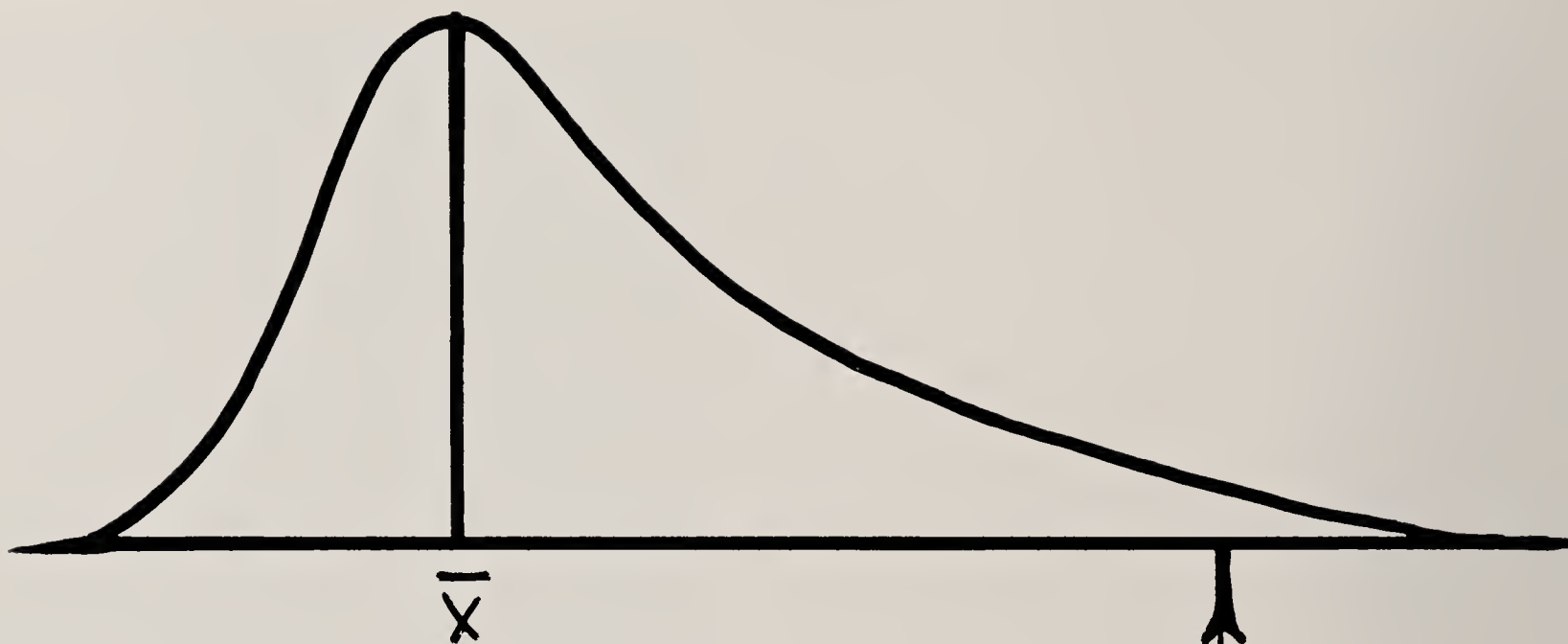
GORDON M. FAIR

aqueous chlorine with sulfamate, an additive being used to stabilize residual chlorine in swimming pools, are being studied. It is hoped that all of this work can be summarized in a monograph within the next year or two.

For the past three years, I have also been investigating the removal of detergents, pesticides and other noxious persistent compounds from wastes and polluted waters by adsorption on granular activated carbon. This has been a part of the Advanced Waste Treatment Program of the U. S. Public Health Service. Results have been encouraging and it appears that adsorption with granular beds of activated carbon may be an economically feasible method for water treatment in many instances.

J. CARRELL MORRIS
Head of the Department





ROBERT VALENTINE REED
*Head of the Department
of Biostatistics*



BIOSTATISTICS

I TEND to agree with the remark attributed to Lord Kelvin, "*When you cannot measure it, when you cannot express it in numbers, your knowledge is of a meagre and unsatisfactory kind.*"

The most useful numbers are, of course, statistics, since statistics not only express knowledge but, at the same time, measure lack of knowledge or uncertainty. In a world full of decisions that have to be made in the face of uncertainty, such numbers should be a great comfort.

ROBERT B. REED
Head of the Department

Left to right—Jane Menken at the IBM 1620 playing Reed's composition for typewriter and EDPS for Diana Fischer, Joan Davidson, Lena Wettermark, Claire Wasserboehr, Robert Reed, Linda Parrish, Judith Bryden, Carol Evans, Jane Worcester, and David Heer.



THERE is now an increased opportunity to see whether well planned programs which mobilize the capabilities of physicians, nurses, and social workers can effectively extend the best of maternity and infant health care among the population which suffers from "urban medical blight." This opportunity exists because of the new program of maternity and infant care projects authorized by Congress, under the direction of the Children's Bureau.

When the infant mortality rate in one health district of a city is more than $2\frac{1}{2}$ times greater than the rate in another health district, I think we have a problem of great interest and of great importance. The infant mortality rate actually increased in seven Boston Health Districts between 1950 and 1961. The problem of higher rates of infant death, and premature birth with its sequelae, among poverty-ridden groups is similar in all the large cities, and 25 million people live in 15 cities in the United States.

Left to right — Derek Robinson, Olivia Brum, Sylvia Krakow, Elizabeth Rice, Ruth Butler, William Schmidt, Miriam Ekdahl, Isabelle Valadian.



I hope that studies related to the new maternity and infant care projects will show whether perinatal casualties can be reduced and, if so, to what extent and by what means. Such studies are closely related to other community studies of maternal and child health that we have been interested in. Among them are studies of variation in prenatal and child care in Cambridge, social factors in child health services in a housing development, and care of children of parents hospitalized for mental illness. Involvement with problems of maternal and child health services in this area provides fresh material for seminars, the chief method of teaching in the Department.

I have a deep interest in the problems of maternal and child health in other countries, but I think that the problem on our doorstep cannot be ignored.

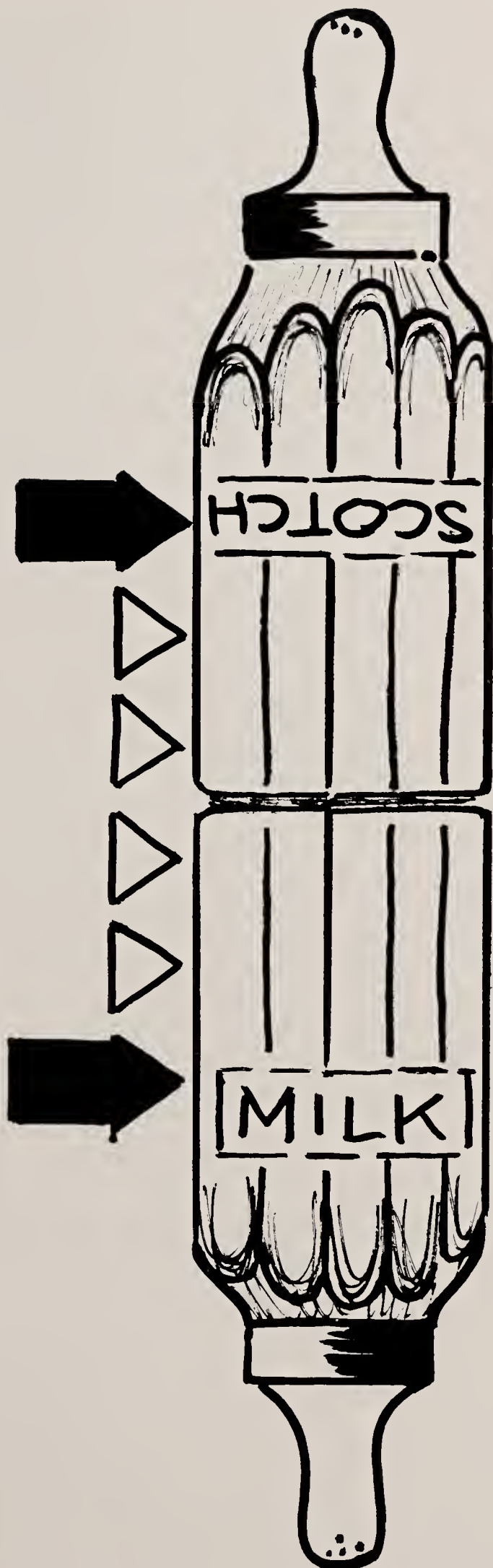
WILLIAM M. SCHMIDT
Head of the Department

MATERNAL AND



WILLIAM MORRIS SCHMIDT
*Head of Department
of Maternal and
Child Health*

CHILD HEALTH



THOMAS H. WELLER
*Head of the Department
of Tropical Public Health*



TROPICAL PUBLIC HEALTH



Rear Row—Dr. Michelson, Dr. Spielman, Dr. Frothingham, Dr. Alford, Dr. Pan, Dr. Chernin, Dr. Burnett. Front Row—Mrs. Butler, Dr. Weller.

THOSE of us in the Department of Tropical Public Health find our interests focused on the ever expanding list of infectious agents that attack mankind, and particularly on the ecological determinants of the diseases they produce. In a brief summary, it is possible to express specific priorities of interest in such a multifaceted area only in general terms. At the top of the general list must come the primary responsibility of any academic institution, namely, the task of attempting to improve our teaching program so as better to disseminate relevant knowledge, to our student body and to colleagues in other disciplines. Our teaching obligations increase as old infectious disease problems reappear in new forms—at a time when it is fashionable to de-emphasize the teaching of infectious disease at all educational levels in medicine and public health.

A second obligation inherent in an academic environment is the development of new knowledge, and particularly of knowledge that is immediately relevant to the solution of pressing health problems. We look with pride, for example, on the contributions of our research group that for the past ten years has focused on schistosomiasis, and has now achieved a worldwide reputation for pioneering research on this most important parasitic disease.

A final obligation deals with the responsibility to perpetuate and improve the substance and philosophy of our program. Thus, we are involved in a variety of programs that literally are global in extent. These range from the recruitment of medical students through the provision of field experience in developing areas, to the acceptance of a direct role in the molding of scientific and other decisions at various levels via service with national and international consultant groups. In line with this objective, it is our hope that the Class of 1964, as a consequence of the mutually stimulating interaction that should characterize the student-teacher relationship, will have found something of philosophical as well as factual value in our offering.

THOMAS H. WELLER
Head of the Department

MICROBIOLOGY



JOHN C. SNYDER
*Head of the Department of
Microbiology*

THE most important activity of the Microbiology Department in the immediate future is that of developing its part of the new Center for Prevention of Infectious Diseases, namely, the establishment of endowment and construction funds, the planning of new laboratories and classrooms, and the coordination of the teaching program with the new curriculum for the Master of Public Health degree.

At present, the two departments most directly concerned with infectious diseases, Microbiology and Tropical Public Health, are located at a considerable distance from one another in different buildings and are handicapped by crowded and inadequate facilities. During the academic year 1963-64, we are launching a major effort to obtain funds for the construction of six floors in the new research buildings of the school. These floors will be designed to provide adequate facilities not only for research on the various infectious agents which continue to plague mankind but also for the exploration of the role of infectious agents in the causation of diseases hitherto regarded as non-infectious, for example, cancer, mental retardation and certain chronic degenerative disorders.

The importance of the emphasis by the Harvard School of Public Health on the prevention of infectious diseases is underscored by the recent trend in medical education to reduce sharply the time devoted to the study of infectious diseases. Thus communities, states, and nations must depend increasingly on the graduates of schools of public health for intelligent leadership in the control and prevention of epidemics and in the search for the causes of diseases affecting large segments of society. The School has accepted the responsibility for intensifying its program of research on infectious diseases, and for providing in its future curriculum a comprehensive and balanced presentation, to include the essential knowledge as well as the principles upon which to base wise administrative practices in the prevention and control of infectious diseases of man.

JOHN C. SNYDER
Head of the Department

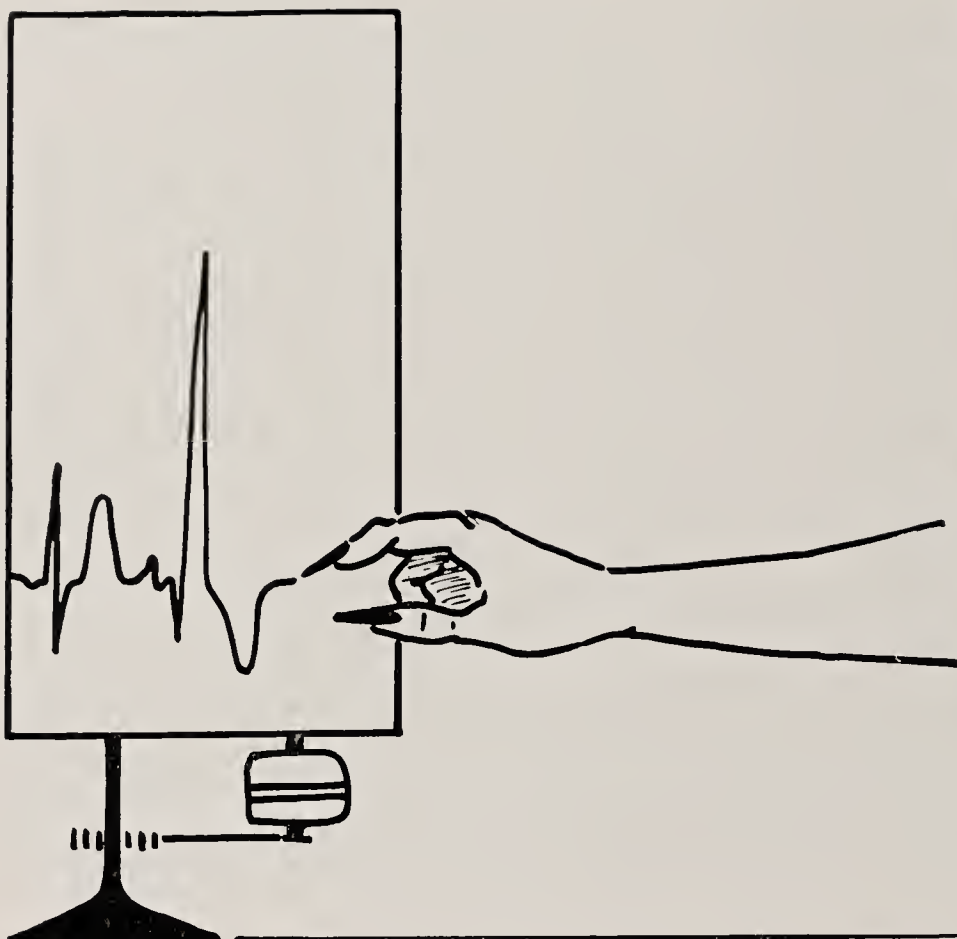


John Snyder, Sam Bell, Ed Murray, Charlotte Campbell, Bill Vinson.

ARAMCO TRACHOMA RESEARCH PROGRAM

Left to right—Mehdi Hassan, Sayed Saud, Saeed Ahmed, Al Gharyafi, Ibrahim Ali, Beverly Grear, Dorothy McComb, John Snyder, Roger Nichols, Nadim Haddad, S. D. Bell, Edna Tietjen, Ali Abdul Rahman.





JAMES L. WHITTENBERGER
*Head of the Department
of Physiology and
Environmental
Health Sciences*

PHYSIOLOGY AND THE DIVISION OF ENVIRONMENTAL HEALTH SCIENCES

AS one engaged more in administrative than other academic matters, I find it difficult to identify a single activity of maximum concern. Two activities, however, are of recurring interest. One is the recruitment of qualified students into the several fields of environmental health—for example, those dealing with air and water quality, ionizing radiation, and occupational health. College students generally are unaware of these fields and we are now trying to develop methods for recruiting from New England colleges, using as one mechanism the offer of summer employment in active research projects at the School. This method could be extended to involve other departments.

The second major recurring interest is the development of methods for studying possible biologic effects of long-term low level exposure to environmental stresses, including such factors as altitude or high barometric pressure, and air contaminants in industrial or residential environments. Methods range from biochemical and physiologic responses of cells and laboratory animals to field studies of human populations.

JAMES L. WHITTENBERGER
Head of the Department



Seated—Mrs. Price, Edna Dahlquist, Mary Ann DiNapoli, Mrs. Tinsley. *Standing*—Ed Berger, Howard Stoudt, Roland Moore, Dick Easton, Ross McFarland, Toulia Coules, Syd Tune, Norman Mackworth, Richard Domey, Jerry Tinsley, Tom Crowley.

AVIATION MEDICINE PROGRAM

THE program in aviation medicine at the Guggenheim Center was established to enable physicians in the military service, air transportation industries, and governmental agencies to acquire training in preventive medicine, occupational health and other related disciplines. In addition, courses are provided to train engineers in the human and biological problems associated with aircraft design and operation.

The tremendous technical advances associated with high altitude aircraft and manned space flight have increased the need for advanced training of biological scientists in environmental medicine, protection of health and human abilities in hazardous operating environments and in problems of maintaining life with man-made environments.

The Center seems well situated to provide such advanced training. It has an established core in aviation medicine, excellent cross-ties with other departments of the School and with other technical departments of the University and M. I. T. A fellowship grant from NASA has made it possible to begin an advanced training program to enable physicians to contribute to the solution of human problems in space flight. Funds are being sought to provide the specialized equipment to obtain additional scientific personnel for an expanded program of research relating to the many unsolved questions in aviation health and safety. In particular, study of impaired human performance resulting from extremes of altitude, temperature and noise will be done in the future.

ROSS A. MCFARLAND
Head of the Program

INDUSTRIAL HYGIENE



LESLIE SILVERMAN
*Head of the Department
of Industrial Hygiene*

SAFETY GOGGLES



1964 ...
MAXIMUM
ALLOWABLE
CONCENTRA-
TIONS

OUR three areas of interest are radiological hygiene, control of air pollution, and prevention of occupational disease.

One study in our area involves a new approach to incineration of infectious and low level radioactive animal wastes. A new oil fired boiler is being added to the Harvard Medical Area power plant with a means of adding packaged waste automatically to its combustion chamber. Effluent particulates will be effectively removed by an electrostatic precipitator unit. We hope that this will provide an answer for the many medical centers in the country with similar problems.

The other study involves a broad attack on the refuse and waste handling problems of a large metropolitan community such as Greater Boston. Our approach has been to develop the concept of shipboard incinerators for both municipal wastes as well as demolition materials from urban renewal efforts. The shipboard concept removes the



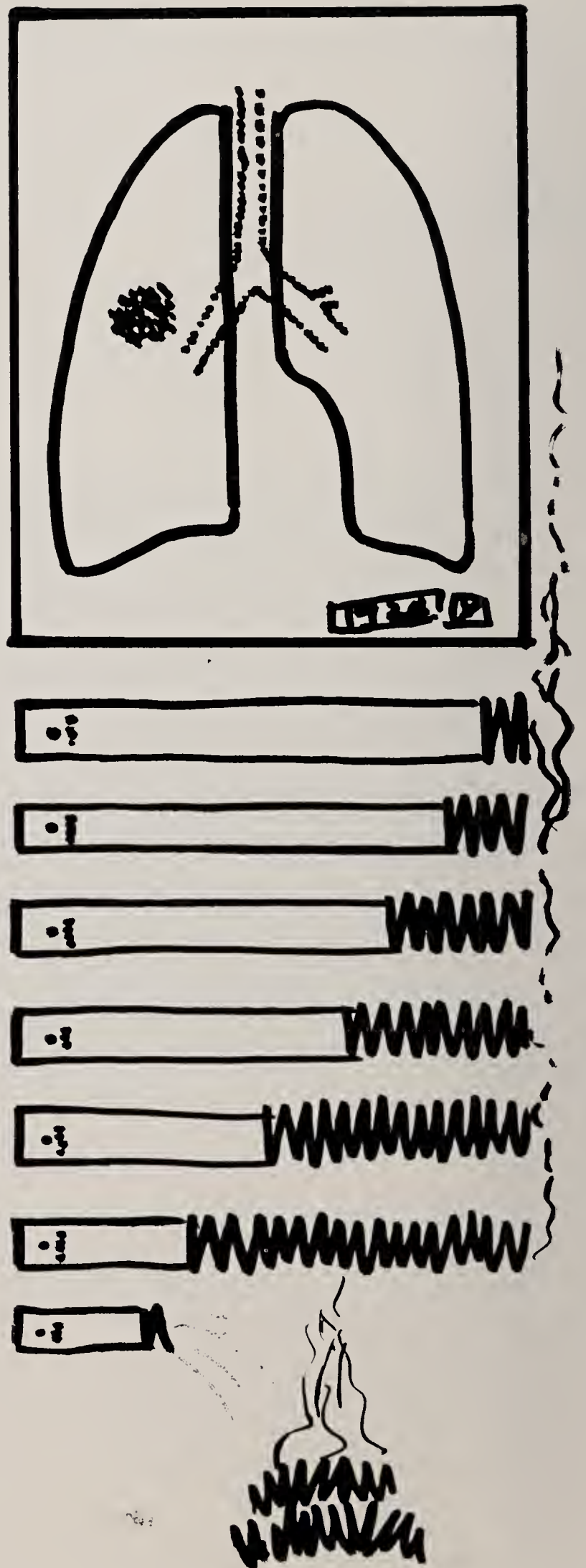
Standing, left to right—Norman Peterson, Stanley Dawson, Shlomo Devir, Ernest Mitchell, Fred Weideman, Thomas Baldwin, Thomas O'Connor, Ely Bulba, Paul Zilles. *Sitting*—Jean Cudde, Gloria Golich, Mary Corrigan, Jacob Shapiro, Leslie Silverman, Janet Walkley, Delia Croteau, Robert Yoder, Melvin First.

pollution sources from the community air and provides a mechanism whereby coastal metropolitan areas can use the sea some 20 miles offshore as disposal sites. The wastes would be burned on shipboard far offshore from the nearby cities. Incinerated ash and non-combustibles would be safely dumped overboard. We believe it may assist in developing fish population as well as eliminate air and land pollution. Our planned research studies for the over-all project will involve analyses of the transport system; the marine biology and oceanography aspects; and an evaluation of the meteorological regimes that will be involved. The results of this long-range study may be applicable to many other communities.

LESLIE SILVERMAN
Head of the Department

EPIDEMIOLOGY

BRIAN MACMAHON
*Head of the Department
of Epidemiology*

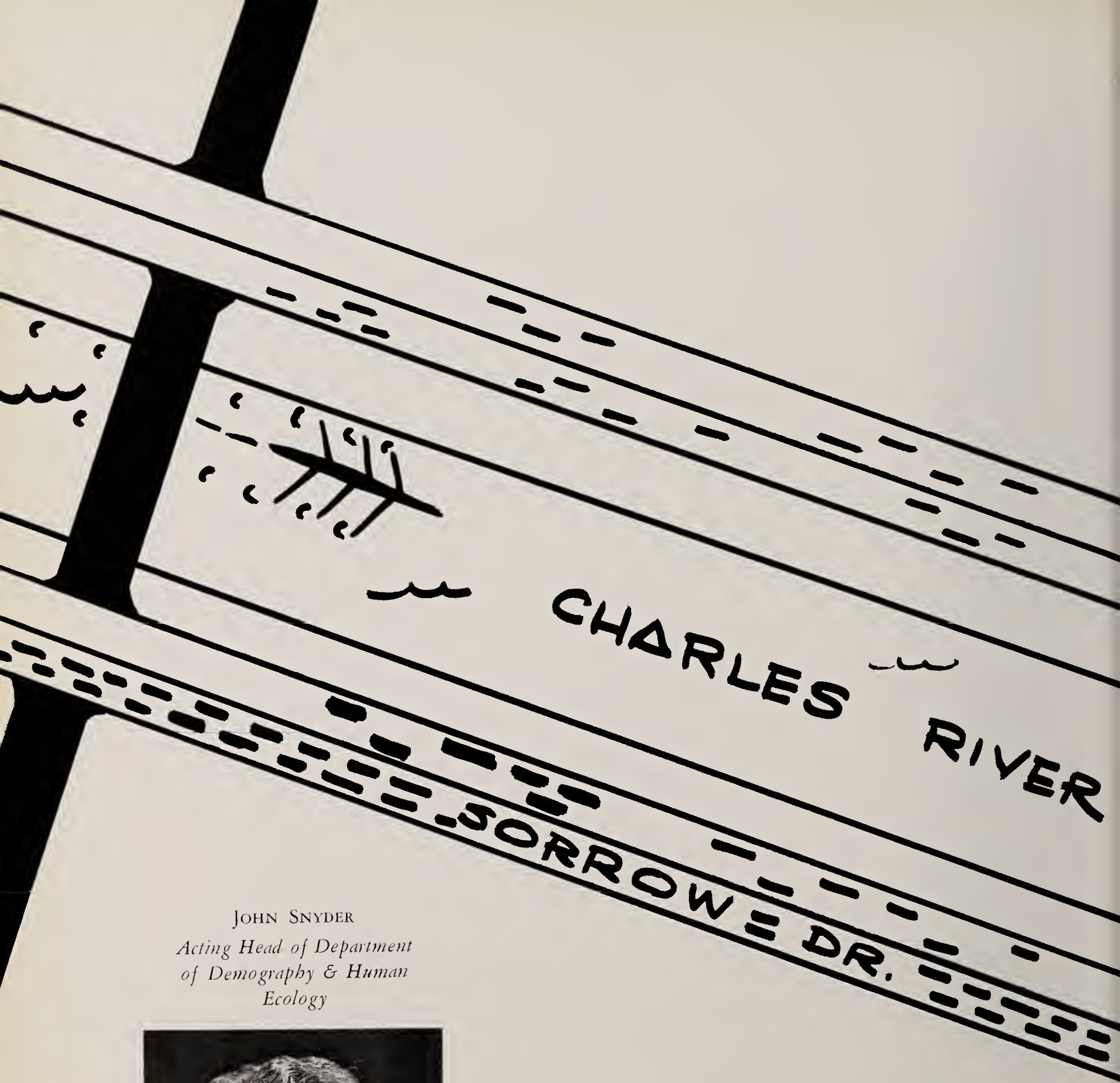


IN the developmental control over the infectious and nutritional diseases, the study of the distribution of disease between and within populations has repeatedly proved of value in (a) pointing to preventive measures that could be effective even in the absence of knowledge of underlying etiologic mechanisms, and (b) identifying areas within which laboratory methods might most profitably be employed to elucidate etiologic mechanisms. The primary objective of the Department of Epidemiology is to stimulate and encourage the application of similar methods of study to those diseases for which we still lack adequate control methods. Numerically speaking, the most important of these, in this country and in most parts of the world are cancer, mental illness and cardiovascular disease.

BRIAN MACMAHON
Head of the Department

Left to right—Naphtali Brand, Morton Levy, George Hutchison, Eva Salber, Henry Wechsler, Katherine Shreeve, Brian MacMahon, Thomas Pugh, Theo Abelin, Herbert Ley, Ascher Segall.





JOHN SNYDER
*Acting Head of Department
of Demography & Human
Ecology*



DEMOGRAPHY AND HUMAN ECOLOGY

DISTURBING issues occasionally have arisen for medical and health experts as they have reduced the immediate ravages of a disease in a particular area only to observe that their work contributed to an increase in misery. Despite gnawings of conscience there has been very little organized effort within the profession of public health to deal directly with the serious problems arising from increased population density.

This Department is expected to become an integral part of Harvard's new Center for Population Studies. I am deeply involved in developing plans and amassing the financial resources needed to assure the success of the Center. Research in the Center will be closely coordinated with field work in several different regions of the world. A new curriculum of study and supervised experience will be evolved which will qualify our graduates for major roles in the activities of states and nations in the regulations of their populations. The long-range objectives are concerned with defining "optimum population" in the broad context of human and economic resources, social needs, and scientific advances.

JOHN C. SNYDER
Acting Head of the Department

Left to right—Stephen Finner, Rosemary Carpenter, David Heer, John Wyon.



FREDRICK JOHN STARE
*Head of Department
of Nutrition*



NUTRITION

EVER since I have been at Harvard (1942), my major aim has been to develop and maintain a department of nutrition in the health and medical area that will really be outstanding as an academic unit—outstanding in teaching, in research, and in service. I feel we have such a department.

Many of the leaders in nutrition in our country and elsewhere are former students of ours. Outstanding research accomplishments include the development of a fat emulsion suitable for parenteral nutrition; the use of the monkey in cardiovascular research particularly in the experimental production of atherosclerosis; the development and description of biochemically different types of obesity; and the development of the Cardioverter for correcting most abnormal rhythms of the heart. In service, there is hardly a nutrition committee of any of the United Nations organizations, of our own government, or of most of the voluntary health organizations that does not have one of our staff. People have heard of Harvard's Department of Nutrition from the service it gives to local PTA groups and science fairs to international committees.

Goals for the future? Complete the payments for our new research facilities sooner than scheduled. Two endowed chairs of nutrition. An endowment of sufficient magnitude so that the department can keep its independence.

To continue to do well in teaching, research, and service, we must do better!

FREDRICK J. STARE

Head of the Department



Left to right—Martha F. Trulson, Robert P. Geyer, D. Mark Hegsted, Stanley N. Gershoff, Jean Mayer, Oscar W. Portman, Patricia A. Stefanik, Robert B. McGandy.

STUDENTS AT HSPH 1964



Barry Smithurst, Harry Ashe, David Weeks, Thomas Byrd.



Ray DiNapoli, Dick Easton, Bryant Savage, Warren Hodge.

Stanley Dryden, John Peters, Joe Cimino.

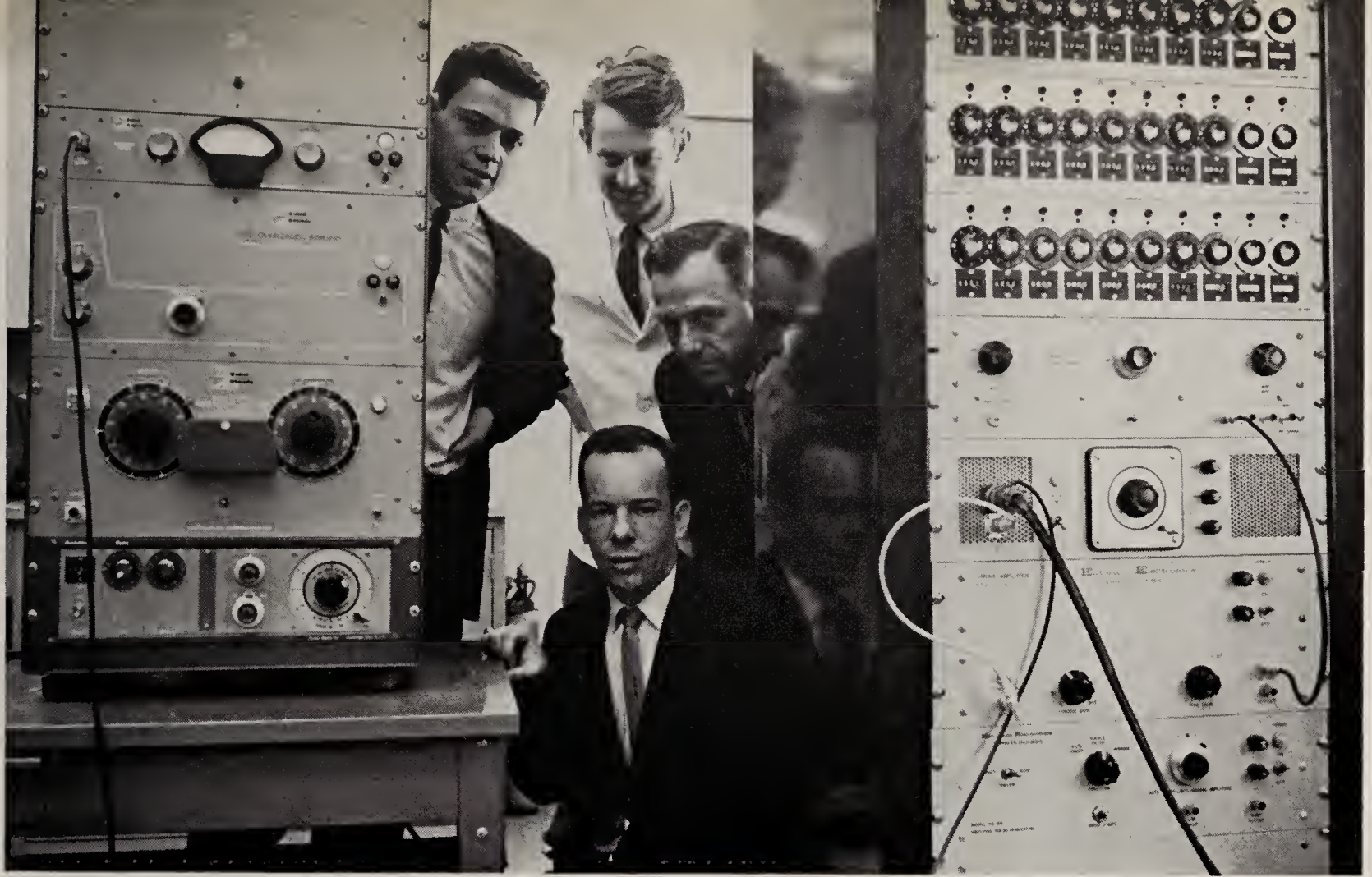




Captane Thomson, Arvid Steen, Bernard Gray, Kevin Allman, Emma Kraidman, Norris Hansell.

Manning Feinleib, Robert Carroll, Irving Kessler, Virginia Hannon.





Anton Veirling, Robert Veit, Larry Samuels, Norman Hasler.

Roger Connelly, Keith MacGaffey, Leo Riley, Lena Wettermark, Lloyd LeZotte.





Kenneth Aycock, Maureen Molloy, Julius Conner, Hernando Posada.

Mary Ann McNichol, Adetokunbo Lucas, William Jobin, Catherine Coolidge.





Charles Buncher, Nadipuram Parthasarathy, David Nitzberg.

Alfonso Holguin, Edward Pratt, Walter Kemmerer, Omar Zawawi.





Stephen Plank, George Brown, Abdur Rashid.

Helen Reinherz, Emma Kraidman.

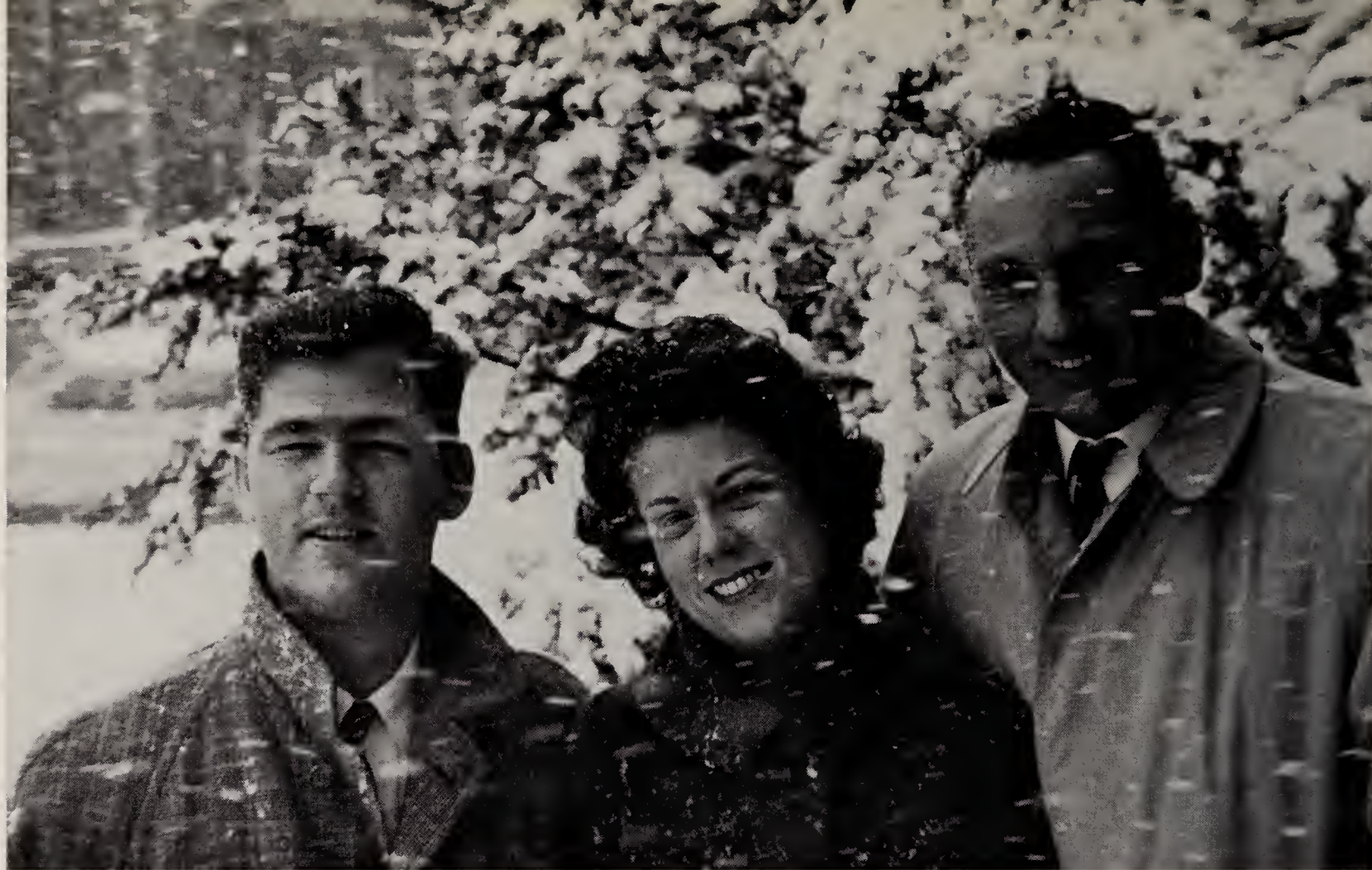




Elizabeth Watkins, Max Bulian, Marion Hosack.

Scott Allen, Diana Fischer, Gary Friedman.

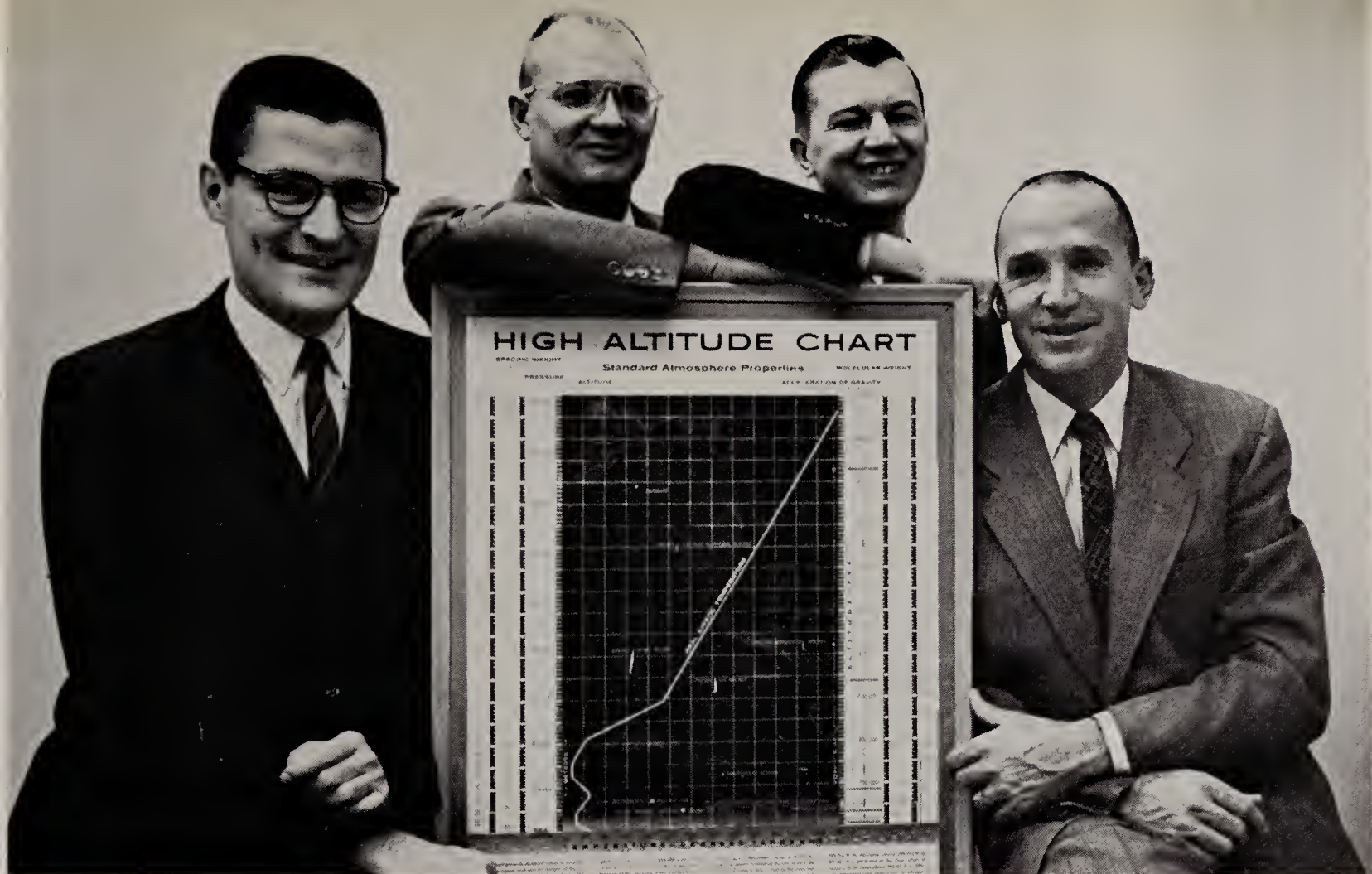




Donald Logsdon, Kathleen Hawkins, David Rabin.

Anne Schaefer, Parker Reist, Joseph Brain, Dwight Underhill.





Ken Curtis, Ken Cottle, William King, Richard Salina.

Michael Varner, Theodore Georgiadis.





Aune Martikainen, Kirby Campbell.

Julio Maiztegui, Keith Sikes, Erik Rasmussen, Ram Tewari.



Jamal Harfouche



John Yoder

'HAIL AND FAREWELL'

THIS is the age of slogans—quip phrases that summarize wishes, hopes and aspirations. At the end of the year 1963-64, we can adopt the slogan: "We will meet again."

We will meet again with our colleagues who, at work and in our leisure hours, have given us the benefit of their companionship.

We will meet again with members of the Faculty of the School who guided and encouraged our academic endeavours.

We will meet again with the staff, Faculty wives, and other friends of the School who in various ways contributed to the success of our stay at the School.

Meanwhile, we bid farewell to one and all, with the very best wishes for success and happiness, and with pleasant anticipation of our future meetings.

'We will meet again.'

ADETOKUNBO LUCAS
Class President



PRESIDENT
Adetokunbo Lucas

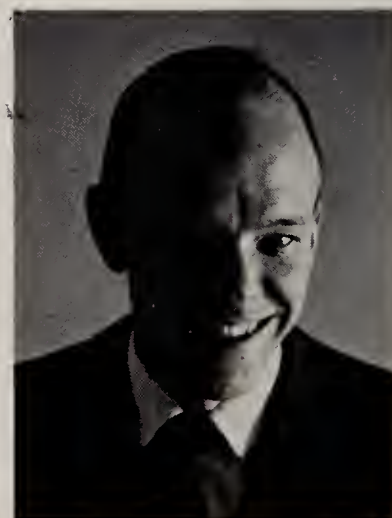
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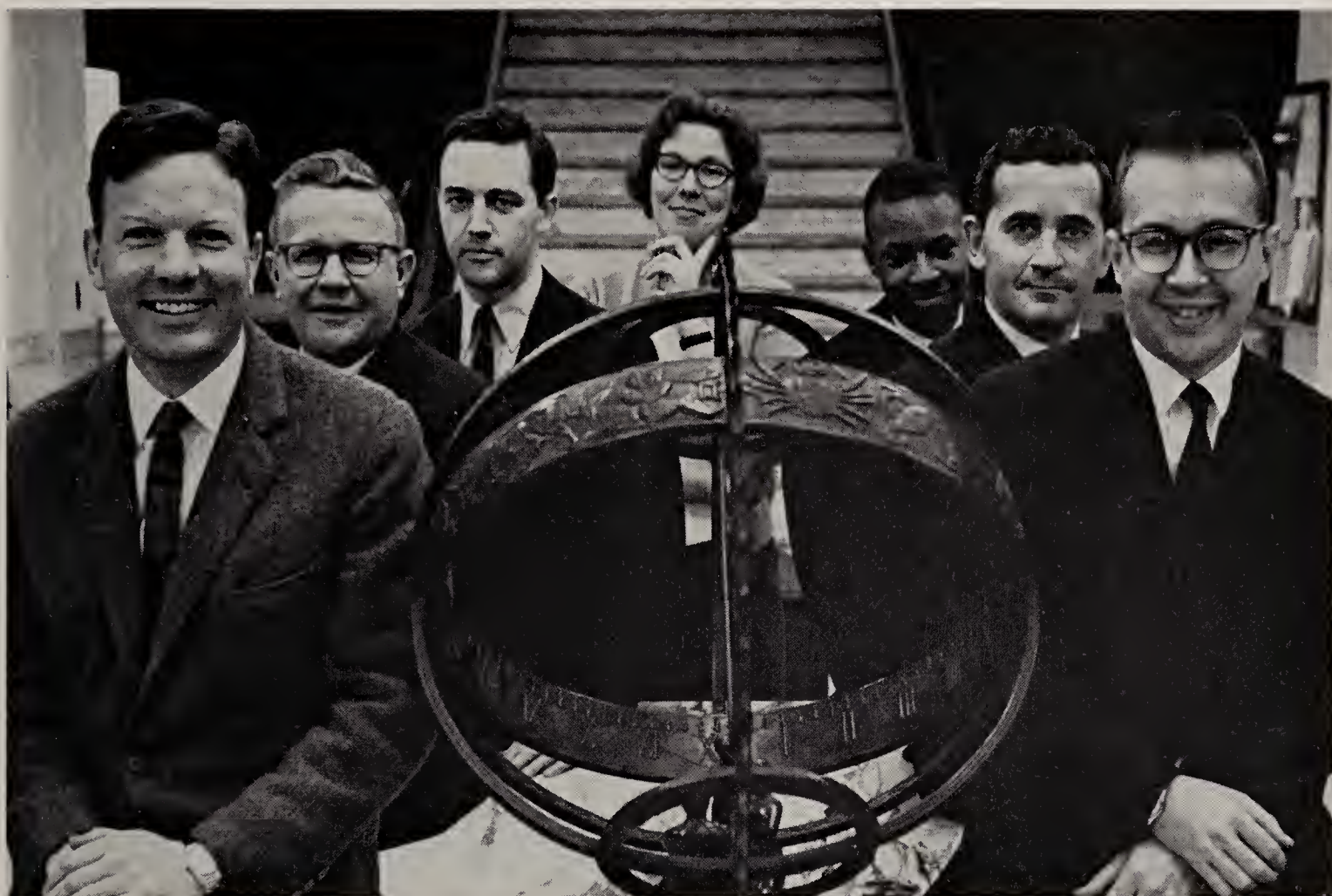
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Captane Thomson



SECRETARY
Kathleen Hawkins



TREASURER
Robert Carroll



Left to right—Captane Thomson, Keith Sikes, Richard Easton, Maureen Molloy, Julius Conner, Barry Smithurst, Bill Kemmerer.

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Bill Kemmerer*Co-Editor*

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Maureen Molloy*Photography*

Julius Conner*Biographies*

Barry Smithurst*Activities*

Norris Hansell*Analysis*

CLAIRE WASSERBOEHR
Year Book Secretary





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Dr. Philip Lee.....Medical Program of A.I.D.

Dr. Richard Easton.....Manned Space Flight.

Dr. Fred Soper.....Yellow Fever.

Professor John Kenneth Galbraith.....Politics and Diplomacy of Privation.

Dr. Richard Smith.....Peace Corps Medical Program



COFFEE LOUNGE

Foreground—Dr. Erickson, Dr. Young.

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Hope Snider

Frances Grommers

Eric Rasmussen

Bob Smith

Ed Pratt

Omar Zawawi





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Dr. J. J. GUARINO

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Mr. J. J. GUARINO

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DR. DAVID CLE

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Dr. David CLE

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Dr. J. J. GUARINO

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Dr. J. J. GUARINO

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H. H. MARTINEN

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L. J. J. GUARINO

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R. Tosi

STRT

Dr. J. J. GUARINO
Res. 41 PARADISE

INTERNATIONAL HOUSE



Barry Smithurst, Bob Veit, George Brown, John Yoder, D. Carroll, Ajay Pathak, Nancy Weeks,
Norris Hansell, Virginia Hannon, *Absent*—Mrs. M. Penrose, H. Martilcaine.

HOUSE COMMITTEE





"I" HOUSE IN REVIEW—'63 - '64

Boo! Who's that? A tiger on the way to the Halloween Party . . . to join petit kimonoed kittens, caspers, and cowboys . . . who collected \$2 for UNICEF.

Easels, canvas, turp and talkers converged Wednesday evenings for the ladies' oil-painting sessions.

Two turkeys . . . six dishes of rice . . . twelve pumpkin and mince-meat pies . . . twenty-four children . . . many more adults . . . all gathered together to give thanks.

Santa Lucia came to the children's Christmas Party and so did Santa Claus . . . Later Santa found "Little Maggie Penrose" and gave her a hubbly-bubbly. Surprise!

Banjos, guitars . . . Leo, Cap, and George . . . Tokunbo's piano jazz . . . all on a Friday night!

Musical girls . . . three men for you and none for me . . . international debate . . . a midnight supper . . . welcomed a glorious New Year . . . danced the high-life at two!

Mid-Eastern fajafel . . . tabbouleh . . . Indian poories . . . curries . . . Japanese tempura . . . chopped, blended, rolled, stirred, fried . . . familiar and strange ingredients became taste treats in cook classes!

Love me . . . Love me not . . . Goldilocks broke Baby Bear's chair!

"Good upright style, but we are practicing slanting style" . . . Mrs. Sugano and Mrs. Kawai taught "Ikebana" . . . generated a new love and respect for flowers.

Faculty Wives saw International House wives' wares . . . painting . . . flowers . . . crafts . . . sampled goodies . . . at tea.

See you at Chez Gourmet . . . superb food . . . the entertainment—Whee!

DIANE R. ("DEE") CARROLL





LIBRARY COMMITTEE

Sitting—Diana Gerdener, Gabrielle Allman. *Standing*—Virginia Hannon, Ram Tewari, Barry Smithurst.

MUSIC COMMITTEE

Left to right—John Gardner, George Brown, Kay Keiser, Julius Conner. *Missing*—Collin Dawes.



HEALTH AND SAFETY COMMITTEE

Left to right—Stan Dryden, Mike Varner, Bob Veit, Norris Hansell, Cap Thomson.

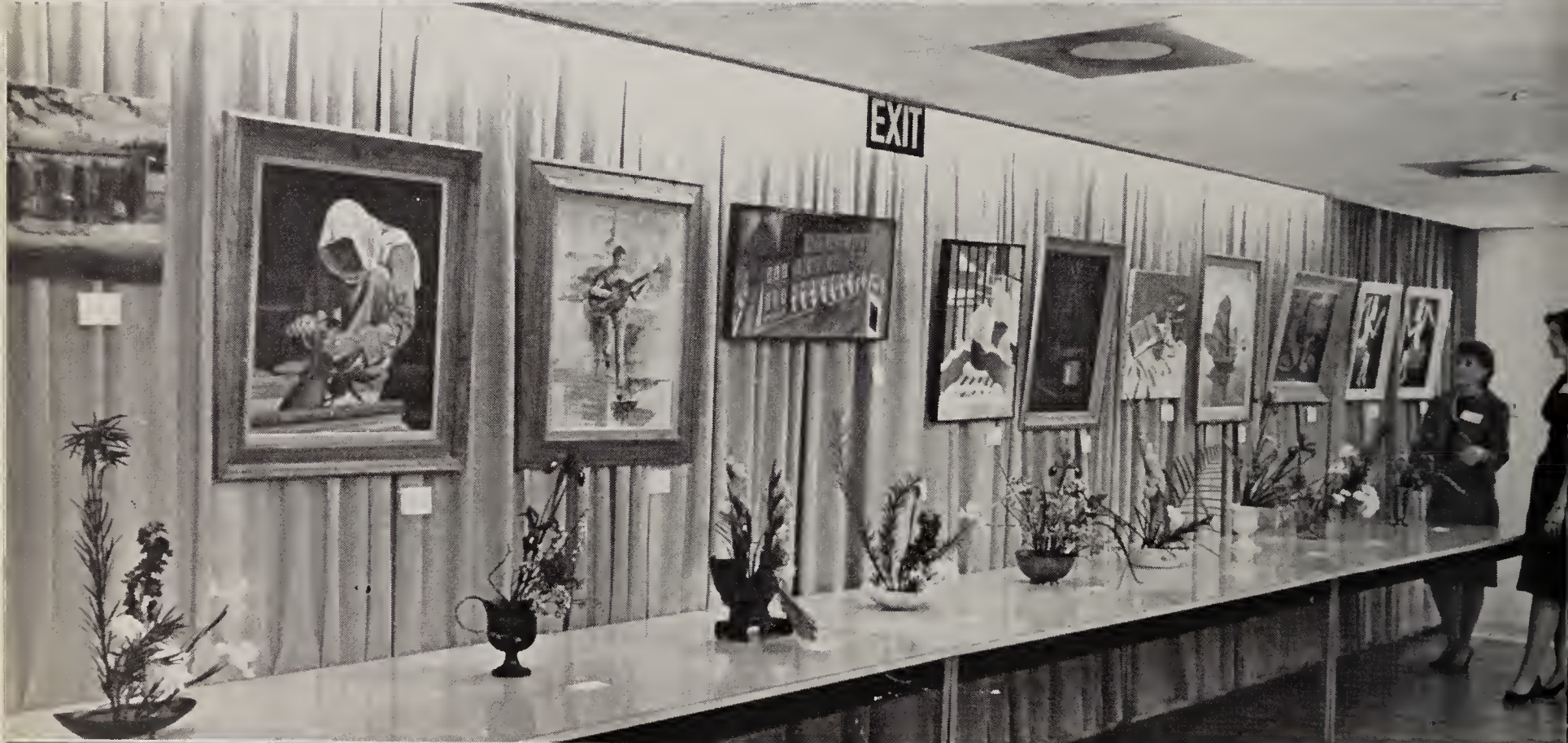
CHILDREN'S COMMITTEE



*Left to right, Inside Jungle—Anna and Annika Levy, Elizabeth and Olle Karlstrom, Ajay Pathak.
Foreground—Barbara Curtis, Nancy Weeks, Stephanie Levy, Sharon Varner, Sushma Pathak,
M. A. and Sanjay Pathak.*



ACTIVITIES





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DEPARTMENT OF PUBLIC HEALTH PRACTICE

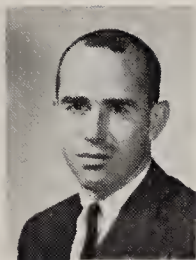
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DEPARTMENT OF TROPICAL PUBLIC HEALTH

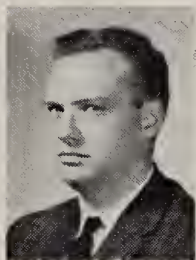
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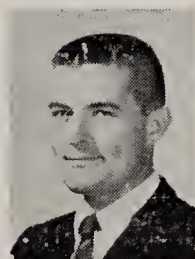
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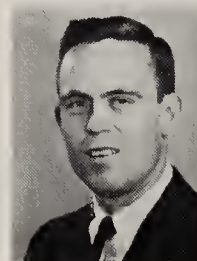


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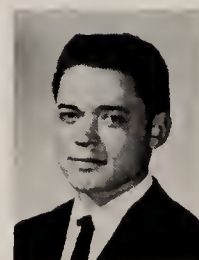
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